



PATENT  
Attorney Docket No. 115.0004-03000  
Customer No. 22882  
Express Mail Label No. EU761481194US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
                            )  
John I. Shipp et al.   )  
                            )  
Serial No.: (Cont. of 09/441,898)   )   (Group Art Unit: 3731)  
                            )  
Filed: June 12, 2003       )   (Examiner: M. Thaler)  
                            )  
For: SURGICAL LIGATION CLIP AND   )  
METHOD FOR USE THEREOF       )

MS PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Copies of the listed documents were previously submitted in a prior application, Serial No. 09/441,898, filed November 17, 1999; Serial No. 08/766,193, filed December 12, 1996, now U.S. Patent No. 5,993,465; Serial No. 08/316,730, filed October 3, 1994, now U.S. Patent No. 5,858,018; and/or Serial No. 08/111,634, filed August 25, 1993, now abandoned; upon which applicant relies for the benefits provided in 35 U.S.C. § 120.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

English language abstracts of the non-English documents are enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1068.

Respectfully submitted,

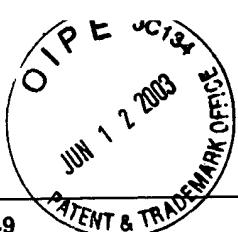
MARTIN & FERRARO, LLP

Date: June 12, 2003

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OMB 0651-0031  
Express Mail No.: EU761481194US

Substitut for FORM PTO-1449		Attorney Docket Number 115.0004-03000		Customer No. 22882		
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>		Applicant John Shipp et al.		Application Numb r (Cont. of 09/441,898)		
(Use several sheets if necessary) Sheet <u>1</u> of <u>4</u>		Filing Date June 12, 2003		Group Art Unit (3731)	Examin r (M. Thaler)	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,626,608	01/1953	Garland			
	3,023,039	02/1962	Henningsen et al.			
	3,056,408	10/1962	Brown			
	3,120,230	02/1964	Skold			
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	3,476,114	11/1969	Shannon et al.			
	3,631,707	01/1972	Miller			
	3,757,629	09/1973	Schneider			
	3,777,538	12/1973	Weatherly et al.			
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	5,601,573	02/1997	Fogelberg et al.			
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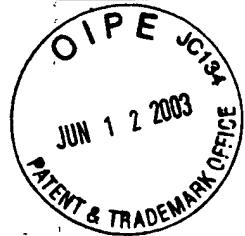
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	CA 2143560	02/1995	Canada			N/A
	DE 2330182	01/1975	Germany			---
	DE 3722311	01/1989	Germany			Abstract Only
	DE 3802651	08/1989	Germany			Abstract Only
	GB 2071751	09/1981	Great Britain			N/A
	JP 6237939	08/1994	Japan			Abstract Only
	SU 1389792	04/1988	U.S.S.R.			---
	WO 87/06118	10/1987	WIPO			N/A
	WO 90/02522	03/1990	WIPO			N/A
	WO 90/03763	04/1990	WIPO			Abstract Only
	WO 95/05778	03/1995	WIPO			N/A

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

**EXAMINER**

**DATE CONSIDERED**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



**No English titl availabl .**

Patent Number: DE2330182

Publication date: 1975-01-02

Inventor(s): HILTEBRANDT SIEGFRIED

Applicant(s): WOLF GMBH RICHARD

Requested Patent:  DE2330182

Application Number: DE19732330182 19730614

Priority Number(s): DE19732330182 19730614

IPC Classification: A61B17/42; A61B1/00

EC Classification: A61B1/07, A61B17/128E, A61F6/20B2

Equivalents:

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**Abstract**

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## Vessel forceps

Patent Number: DE3722311  
Publication date: 1989-01-19  
Inventor(s): BRAUN BERND DIPLO CHEM DR MED (DE)  
Applicant(s): BRAUN MELSUNGEN AG (DE)  
Requested Patent:  [DE3722311](#)  
Application Number: DE19873722311 19870707  
Priority Number(s): DE19873722311 19870707  
IPC Classification: A61B17/12  
EC Classification: [A61B17/122S](#)  
Equivalents:

### Abstract

The vessel forceps for clamping of blood vessels has three clamping jaws (14, 15, 16) two of which are arranged rigidly next to one another with a small lateral spacing. The third clamping jaw (14) presses the blood vessel against each of the other two clamping jaws (15, 16), so that the mechanical pressure force is distributed while, on the other hand, large contact angles are avoided. All three clamping jaws (14, 15, 16) are provided with longitudinal grooves in order to prevent slipping. Concave grip plates (21, 22) permit reliable, simple handling. The vessel forceps with the crossing clamping legs (10, 11) has small dimensions and is lightweight. The essential advantage resides in the fact that traumatisation is

prevented by the interaction of two pressure points and a small amount of wrap.



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# M dical forceps, in particular arthroscopy forc ps

Patent Number: DE3802651

Publication date: 1989-08-03

Inventor(s):

Applicant(s): STORZ KARL (DE)

Requested Patent:  DE3802651

Application Number: DE19883802651 19880129

Priority Number(s): DE19883802651 19880129

IPC Classification: A61B17/28; A61B17/32; A61B17/56

EC Classification: A61B17/28E8

Equivalents:

## Abstract

The invention relates to a medical forceps, in particular arthroscopy forceps, in which the forceps shaft is tubular and carries at least one articulated bit member at the end near the patient. The bit member can be actuated by pressure or tension by means of a rod inside a forceps shaft and the rod is in articulated connection with a movable handle part on the end remote from the patient, the forceps shaft being rigidly connected to a fixed handle part. In order to improve this forceps in such a way that the forceps handle can be used for a wide variety of purposes it is proposed by the invention that an articulated adapter piece be arranged between the movable handle part and the rod, the adapter piece reversing the direction of operation of the rod. In order to increase the manual force considerably, if and when required, it is provided, inter alia, that the movable handle part be provided with a slot which is eccentric relative to the fixed axis for receiving a pin of the articulated adapter piece, this eccentric slot having an outward curve for reinforcement of the manual force.

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## CLIP DEVICE

Patent Number: JP6237939

Publication date: 1994-08-30

Inventor(s): TSURUTA MINORU; others: 07

Applicant(s): OLYMPUS OPTICAL CO LTD

Requested Patent:  [JP6237939](#)

Application Number: JP19930027883 19930217

Priority Number(s):

IPC Classification: A61B17/12

EC Classification:

Equivalents:

### Abstract

PURPOSE: To surely close a tubular tissue by constituting the clip device so that a clip having a pair of leg parts energized in the leg closing direction is fed one by one to an inserting part inserted into a celom, and the clip is set to a leg opened state and attached to the tubular tissue.

CONSTITUTION: This clip 11 is constituted so that a pair of leg parts are formed in a form connected by a ring-like elastic hinge part by a resin material which is dissolved naturally, and energized in a leg closed state by the elastic hinge part. In a state that many chips thereof 11 are contained in a clip containing part 21 in an inserting part of a clip device, the inserting part is inserted into a celom through a tracheal, and by gripping lightly a handle 6, the head clip 11 is pressed strongly in the tip direction through a pusher 24d. Subsequently, when the clip 11 advances, the clip 11 is allowed to open the legs by a fact that an opening/closing pin 7a of an opening/closing jaw 7 works on a guide groove provided on the clip side face, and by closing the legs of the clip caused by the subsequent turning of the jaw 7, a tubular tissue is ligated.

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# SKATES FOR TRAINING SPORSTMEN

Patent Number: SU1389792  
Publication date: 1988-04-23  
Inventor(s): VINOGRADOVA VALENTINA I (SU); VINOGRADOV ALEKSEJ YU (SU)  
Applicant(s): TS SOVET V DOBROVOLNOGO SPORTI (SU)  
Requested Patent:  SU1389792  
Application Number: SU19864138499 19861023  
Priority Number(s): SU19864138499 19861023  
IPC Classification: A63C1/24  
EC Classification:  
Equivalents:

## Abstract

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## No English title available.

Patent Number:  [FR2637489](#)

Publication date: 1990-04-13

Inventor(s):

Applicant(s): LACHKAR ALAIN (FR); LACHKAR GUY (FR); BENSSUSSAN FRANCK (FR)

Requested Patent:  [WO9003763](#)

Application Number: FR19880013395 19881007

Priority Number(s): FR19880013395 19881007

IPC Classification: A61B17/12

EC Classification: A61B17/068B, A61B17/128

Equivalents: AU4409589,  [EP0396683](#) (WO9003763)

### Abstract

The present invention relates to an automatic forceps device with clips for surgical stitching. It is comprised of the combination first of a double set of links (2, 2', 3, 3') operated simultaneously by an articulated finger-stall (1, 1') on the double plate enclosing the mechanism and making slide into each other and in opposite directions, and with different strokes, a clip (9) supply blade (5) and a sleeve forming the envelope of the forceps end, causing the closure of the tips (7, 7') which clamp the clips (9) situated at the extremity of a bar which is fixed with respect to the plate and situated itself inside the sleeve (11), and also comprised of a container arranged inside said sleeve, integrated in the fixed bar and containing the magazine of clips which are pushed by means of a piston and a spring, and finally comprised of a clip ejection system consisting of a holding blade which releases one clip at each opening of the forceps and allowing the supply blade to push the clip between the clamping tips. The device is intended for the suture of the vessels during surgical operations.

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